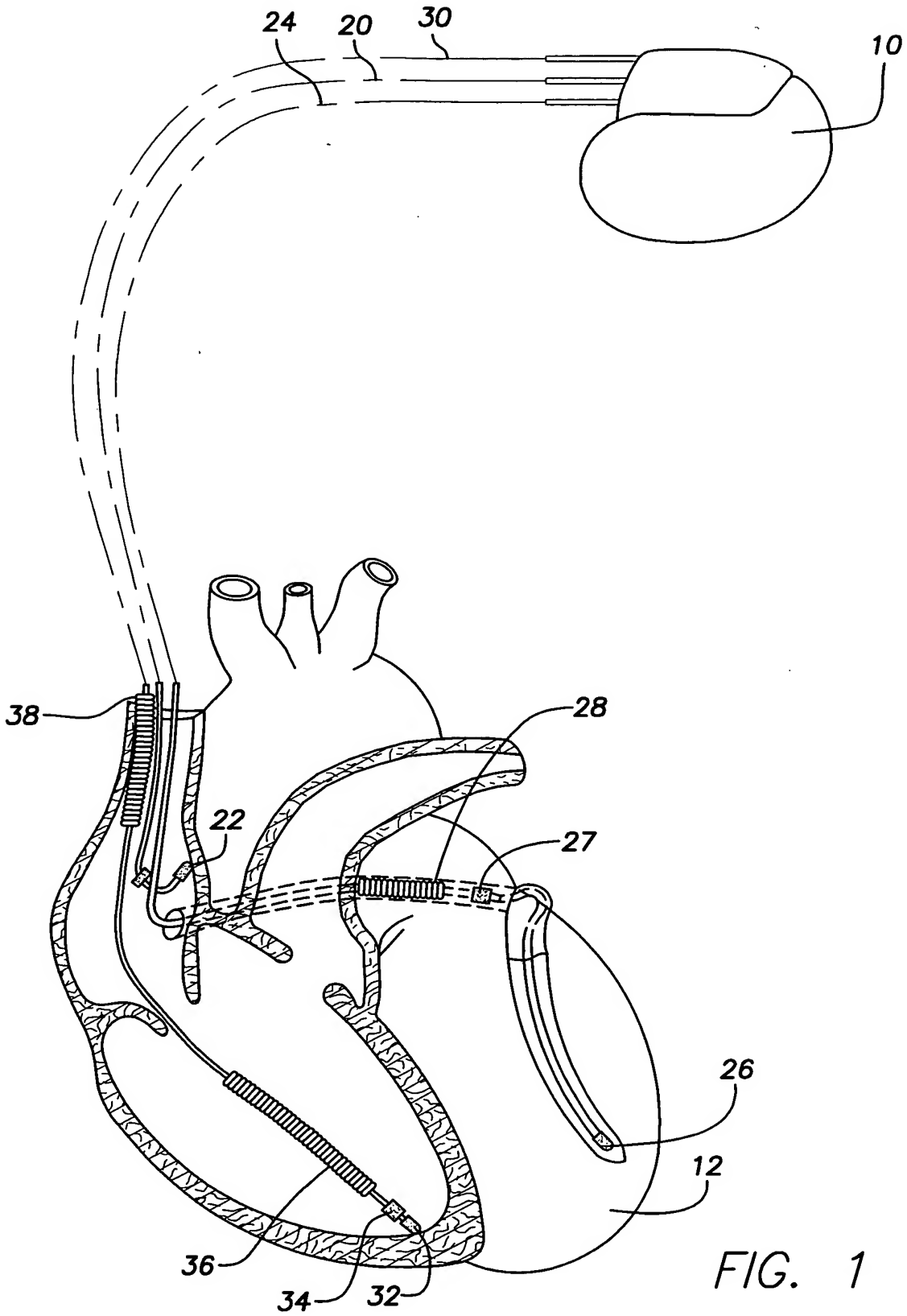

FIG. 1

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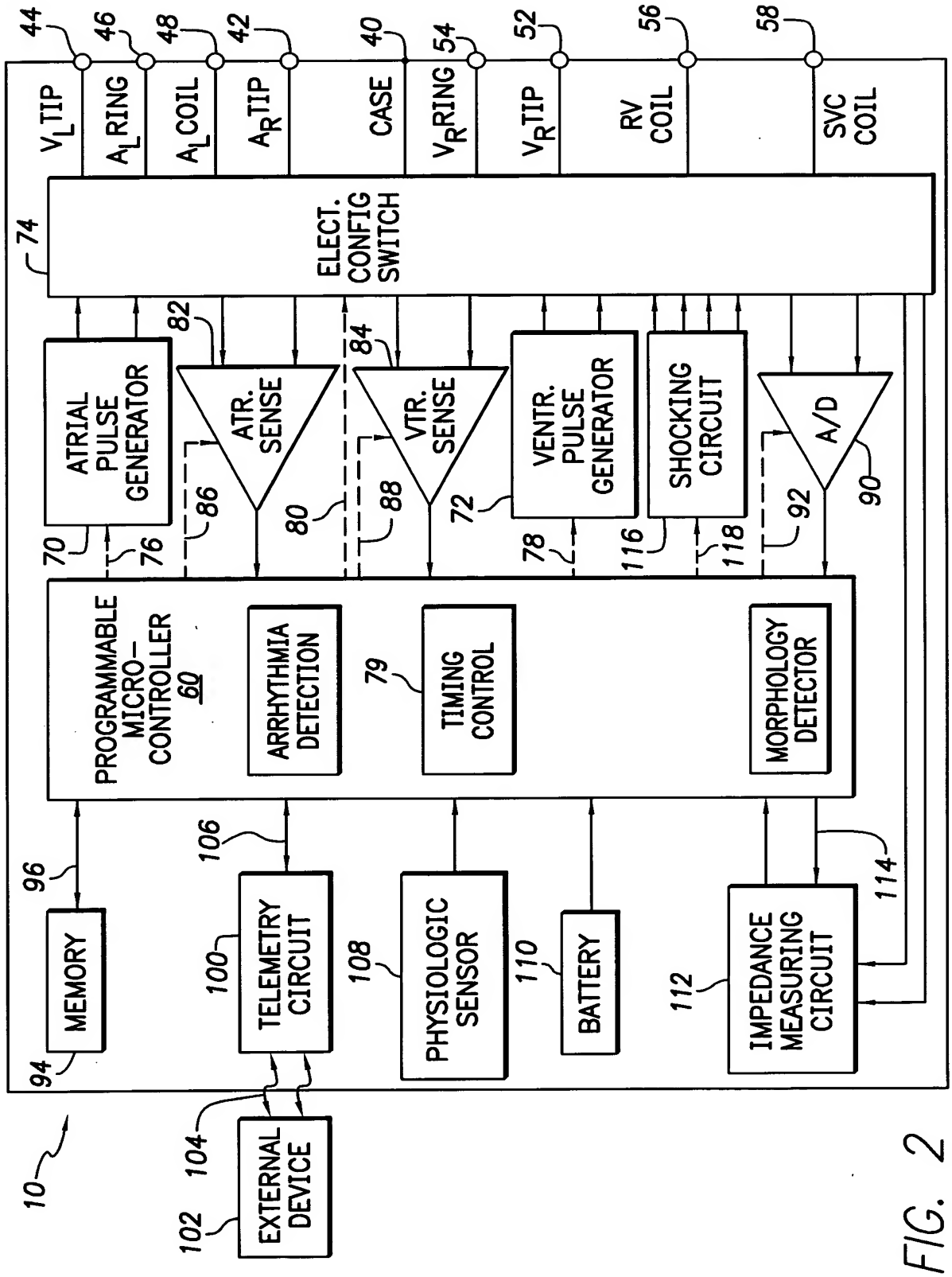

10
44
46
48
42
40
54
52
56
58
V_LTIP
A_LRING
A_LCOIL
A_RTIP
CASE
V_RRING
V_RTIP
RV COIL
SVC COIL
74
ELECT. CONFIG SWITCH
ATRIAL PULSE GENERATOR
ATR. SENSE
VTR. SENSE
VENTR. PULSE GENERATOR
SHOCKING CIRCUIT
A/D
70
76
82
86
80
84
88
72
78
116
118
92
90
PROGRAMMABLE MICRO-CONTROLLER 60
ARRHYTHMIA DETECTION
79
TIMING CONTROL
MORPHOLOGY DETECTOR
96
94
MEMORY
106
100
TELEMETRY CIRCUIT
108
PHYSIOLOGIC SENSOR
110
BATTERY
112
IMPEDANCE MEASURING CIRCUIT
114
104
102
EXTERNAL DEVICE

FIG. 2

FIG. 3

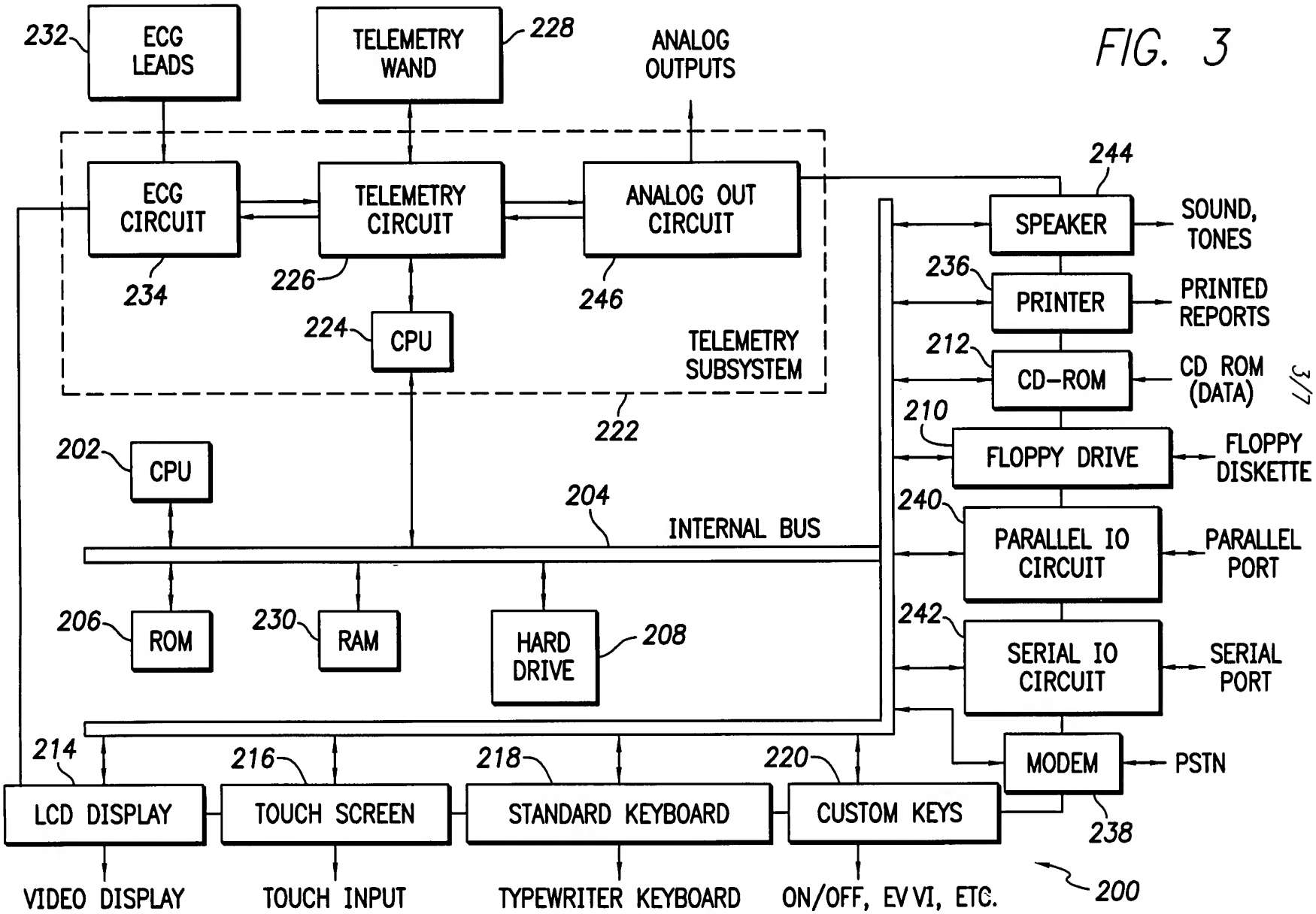
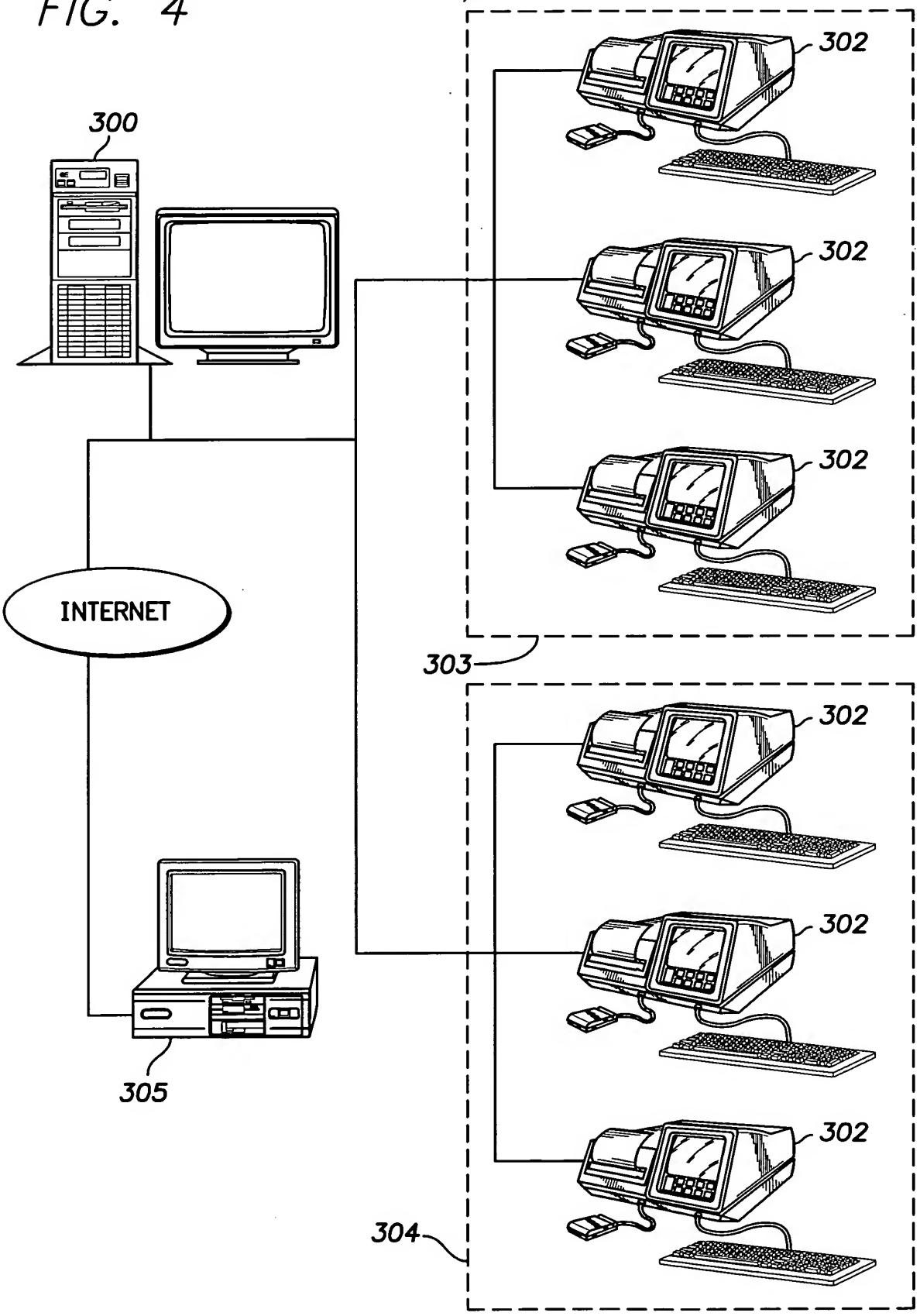

232
ECG LEADS
TELEMETRY WAND
228
ANALOG OUTPUTS
ECG CIRCUIT
TELEMETRY CIRCUIT
ANALOG OUT CIRCUIT
234
226
246
224
CPU
TELEMETRY SUBSYSTEM
222
202
CPU
204
INTERNAL BUS
206
ROM
230
RAM
HARD DRIVE
208
214
216
218
220
LCD DISPLAY
TOUCH SCREEN
STANDARD KEYBOARD
CUSTOM KEYS
VIDEO DISPLAY
TOUCH INPUT
TYPEWRITER KEYBOARD
ON/OFF, EV VI, ETC.
200
244
SPEAKER
SOUND, TONES
236
PRINTER
PRINTED REPORTS
212
CD-ROM
CD ROM (DATA)
210
FLOPPY DRIVE
FLOPPY DISKETTE
240
PARALLEL IO CIRCUIT
PARALLEL PORT
242
SERIAL IO CIRCUIT
SERIAL PORT
MODEM
PSTN
238

FIG. 4



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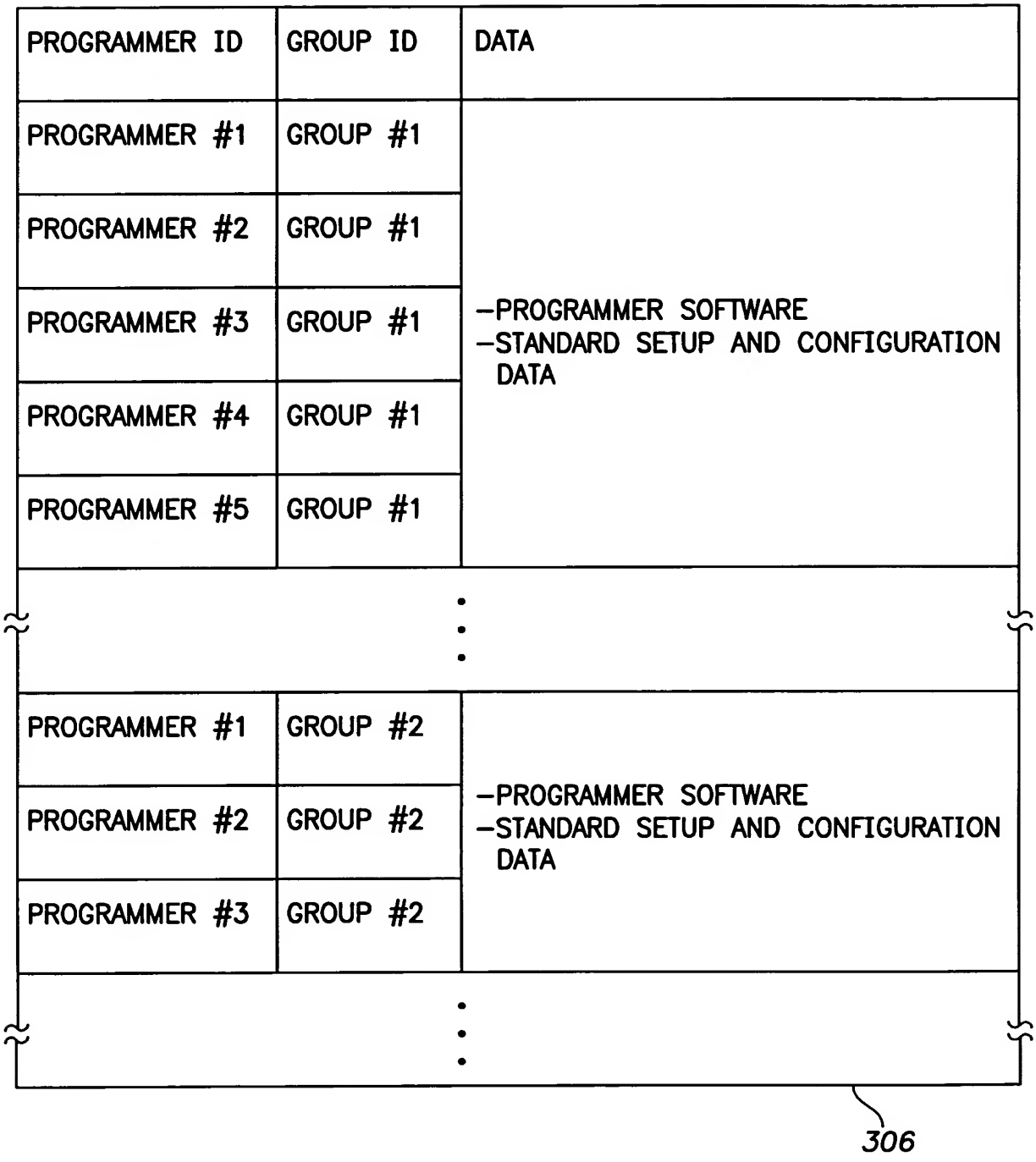

FIG. 5

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PHYSICIAN ID	GROUP ID	DATA
PHYSICIAN #1	GROUP #1	–PREFERRED SETUP AND CONFIGURATION DATA
PHYSICIAN #2	GROUP #1	–PREFERRED SETUP AND CONFIGURATION DATA
PHYSICIAN #3	GROUP #1	–PREFERRED SETUP AND CONFIGURATION DATA
PHYSICIAN #4	GROUP #1	–PREFERRED SETUP AND CONFIGURATION DATA
PHYSICIAN #5	GROUP #1	–PREFERRED SETUP AND CONFIGURATION DATA
• • •		
PHYSICIAN #1	GROUP #2	–PREFERRED SETUP AND CONFIGURATION DATA
PHYSICIAN #2	GROUP #2	–PREFERRED SETUP AND CONFIGURATION DATA
PHYSICIAN #3	GROUP #2	–PREFERRED SETUP AND CONFIGURATION DATA
• • •		

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FIG. 6

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IMPLANTED DEVICE	GROUP ID	DATA
IMPLANTED DEVICE #1	GROUP #1	–PATIENT PERSONAL DATA –DEVICE DIAGNOSTIC DATA –PATIENT DIAGNOSTIC DATA
IMPLANTED DEVICE #2	GROUP #1	–PATIENT PERSONAL DATA –DEVICE DIAGNOSTIC DATA –PATIENT DIAGNOSTIC DATA
IMPLANTED DEVICE #3	GROUP #1	–PATIENT PERSONAL DATA –DEVICE DIAGNOSTIC DATA –PATIENT DIAGNOSTIC DATA
⋮		
IMPLANTED DEVICE #1	GROUP #2	–PATIENT PERSONAL DATA –DEVICE DIAGNOSTIC DATA –PATIENT DIAGNOSTIC DATA
IMPLANTED DEVICE #2	GROUP #2	–PATIENT PERSONAL DATA –DEVICE DIAGNOSTIC DATA –PATIENT DIAGNOSTIC DATA
IMPLANTED DEVICE #3	GROUP #2	–PATIENT PERSONAL DATA –DEVICE DIAGNOSTIC DATA –PATIENT DIAGNOSTIC DATA
⋮		

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FIG. 7

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